

INFORMATION DISCLOSURE  
CITATION

Atty. Docket No.

**723-963**

Applicant

**FOULADI et al.**

Filing Date

**November 28, 2000**

Serial No.

**09/722,663**

Group

**2673****RECEIVED****JUN 02 2003**

Technology Center 2600

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>SW</i>	4,275,413	Jun-81	Sakamoto et al.			
<i>SW</i>	4,463,380	Jul-84	HOOKS, Jr.			
<i>SW</i>	4,491,836	Jan-85	Collmever et al.			
<i>SW</i>	4,586,038	Apr-86	Sims et al.			
<i>SW</i>	4,600,919	Jul-86	Stern			
<i>SW</i>	4,615,013	Sep-86	YAN et al.			
<i>SW</i>	4,625,289	Nov-86	Rockwood			
<i>SW</i>	4,653,012	Mar-87	Duffv et al.			
<i>SW</i>	4,692,880	Sep-87	MERZ et al.			
<i>SW</i>	4,695,943	Sep-87	Keelev et al.			
<i>SW</i>	4,710,876	Dec-87	Cline et al.			
<i>SW</i>	4,768,148	Aug-88	Keelev et al.			
<i>SW</i>	4,785,395	Nov-88	Keelev			
<i>SW</i>	4,790,025	Dec-88	Inoue et al.			
<i>SW</i>	4,808,988	Feb-89	BURKE et al.			
<i>SW</i>	4,812,988	Mar-89	Duthuit et al.			
<i>SW</i>	4,829,452	May-89	Kano et al.			
<i>SW</i>	4,833,601	May-89	Barlow et al.			
<i>SW</i>	4,855,934	Aug-89	Robinson			
<i>SW</i>	4,888,712	Dec-89	BARKANS et al.			
<i>SW</i>	4,897,806	Jan-90	COOK et al.			
<i>SW</i>	4,907,174	Mar-90	PRIEM			
<i>SW</i>	4,918,625	04/17/1	Yan			
<i>SW</i>	4,935,879	Jun-90	UEDA			
<i>SW</i>	4,965,751	Oct-90	Thaver et al.			
<i>SW</i>	4,974,176	Nov-90	BUCHNER et al.			
<i>SW</i>	4,974,177	Nov-90	NISHIGUCHI			
<i>SW</i>	4,975,977	Dec-90	Kurosu et al.			
<i>SW</i>	4,989,138	Jan-91	Radochonski			
<i>SW</i>	5,003,496	Mar-91	HUNT, Jr. et al.			
<i>SW</i>	5,016,183	May-91	Shvong			
<i>SW</i>	5,018,076	May-91	JOHARY et al.			
<i>SW</i>	5,043,922	Aug-91	Matsumoto			
<i>SW</i>	5,056,044	Oct-91	Frederickson et al.			
<i>SW</i>	5,086,495	Feb-92	Gray et al.			
<i>SW</i>	5,091,967	Feb-92	Ohsawa			
<i>SW</i>	5,097,427	Mar-92	Lathrop et al.			
<i>SW</i>	5,144,291	Sep-92	Nishizawa			
<i>SW</i>	5,163,126	Nov-92	Einkauf et al.			

\*Examiner

*Jinzhong Wang*

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5.179.638	Jan-93	Dawson et al.			
5.224.208	Jun-93	MILLER, JR. et al.			
5.239.624	Aug-93	COOK et al.			
5.241.658	Aug-93	MASTERSON et al.			
5.255.353	Oct-93	Itoh			
5.268.995	Dec-93	Diefendorff et al.			
5.268.996	Dec-93	STEINER et al.			
5.278.948	Jan-94	Luken, Jr.			
5.307.450	Apr-94	Grosssman			
5.345.541	Sep-94	Kellev et al.			
5.353.424	Oct-94	Partovi et al.			
5.357.579	Oct-94	BUCHNER et al.			
5.361.386	Nov-94	Watkins et al.			
5.363.475	Nov-94	BAKER et al.			
5.377.313	Dec-94	Scheibl			
5.394.516	Feb-95	WINSER			
5.402.532	Mar-95	Epstein et al.			
5.404.445	Apr-95	Matsumoto			
5.408.650	Apr-95	ARSENAULT			
5.412.796	May-95	OLIVE			
5.415.549	May-95	LOGG			
5.416.606	05/16/1	Katavama et al.			
5.422.997	Jun-95	NAGASHIMA			
5.432.895	Jul-95	MYERS			
5.432.900	Jul-95	Rhodes et al.			
5.438.663	Aug-95	Matsumoto et al.			
5.448.689	Sep-95	Matsuo et al.			
5.467.438	Nov-95	Nishio et al.			
5.467.459	Nov-95	Alexander et al.			
5.469.535	Nov-95	JARVIS et al.			
5.473.736	Dec-95	Young			
5.475.803	Dec-95	Stearns et al.			
5.487.146	Jan-96	Guttad et al.			
5.490.240	Feb-96	FORAN et al.			
5.495.563	Feb-96	WINSER			
5.495.563	Feb-96	Winsor, Paul A.			
5.504.499	Apr-96	Horie et al.			
5.535.374	Jul-96	OLIVE			
5.543.824	Aug-96	PRIEM et al.			
5.544.292	Aug-96	WINSER			
5.548.709	Aug-96	HANNAH et al.			
5.553.228	Sep-96	ERB et al.			

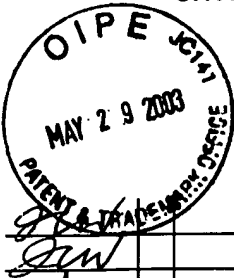
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Form PTO-FB-A820 (Also PTO-1449)

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Technology Center 2600

5.557.712	Sep-96	Guav			
5.561.746	Oct-96	MURATA et al.			
5.561.752	Oct-96	Jevans			
5.563.989	Oct-96	BILLYARD			
5.566.285	Oct-96	Okada			
5.573.402	Nov-96	GRAY			
5.579.456	Nov-96	Cosman, Michael A.			
5.582.451	Dec-98	COX et al.			
5.586.234	Dec-96	SAKURABA et al.			
5.593.350	Jan-97	BOUTON et al.			
5.600.763	Feb-97	GREENE et al.			
5.606.650	02/25/1	Kellev et al.			
5.607.157	Mar-97	NAGASHIMA			
5.616.031	Apr-97	LOGG			
5.621.867	Apr-97	MURATA et al.			
5.628.686	May-97	SVANCAREK et al.			
5.638.535	Jun-97	Rosenthal et al.			
5.649.082	Jul-97	Burns			
5.650.955	Jul-97	PUAR et al.			
5.651.104	Jul-97	COSMAN			
5.657.045	Aug-97	Katsura et al.			
5.657.443	Aug-97	Krech, Jr.			
5.657.478	Aug-97	RECKER et al.			
5.659.671	Aug-97	TANNENBAUM et al.			
5.659.673	Aug-97	Nonoshita			
5.659.715	Aug-97	WU et al.			
5.664.162	Sep-97	DYE			
5.666.439	Sep-97	Ishida et al.			
5.678.037	Oct-97	Osugi et al.			
5.682.522	Oct-97	HUANG et al.			
5.684.941	Nov-97	Dye			
5.687.304	Nov-97	Kiss, Kenneth W.			
5.694.143	Dec-97	Fielder et al.			
5.696.892	Dec-97	REDMANN et al.(w/Abstract)			
5.703.806	Dec-97	PUAR et al.			
5.706.481	Jan-98	HANNAH et al.			
5.706.482	Jan-98	MATSUSHIMA et al.			
5.714.981	Feb-98	SCOTT-JACKSON et al.			
5.724.561	Mar-98	TAROLLI et al.			
5.726.689	Mar-98	NEGISHI et al.			
5.726.947	Mar-98	Yamazaki et al.			
5.734.386	Mar-98	COSMAN			

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5.739.819	Apr-98	Bar-Nahum
5.740.343	Apr-98	Tarolli et al.
5.740.383	Apr-98	NALLY et al.
5.740.406	Apr-98	Rosenthal et al.
5.742.749	Apr-98	Foran et al.
5.742.788	Apr-98	PRIEM et al.
5.745.118	Apr-98	ALCORN et al.
5.745.125	Apr-98	Deering et al.
5.748.199	May-98	Palm
5.748.986	May-98	Butterfield et al.
5.751.291	May-98	Olsen et al.
5.751.295	May-98	Becklund et al.
5.751.930	May-98	Katsura et al.
5.754.191	May-98	Mills et al.
5.757.382	May-98	Lee
5.760.783	Jun-98	MIGDAL et al.
5.764.228	Jun-98	BALDWIN
5.764.237	Jun-98	KANEKO
5.767.856	Jun-98	PETERSON et al.
5.767.858	06/16/1	Kawase et al.
5.768.629	Jun-98	Wise et al.
5.777.623	Jul-98	SMALL
5.781.927	Jul-98	WU et al.
5.791.994	Aug-98	HIRANO et al.
5.801.720	Sep-98	Norrod et al.
5.805.175	Sep-98	Priem
5.808.619	Sep-98	CHOI et al.
5.809.219	Sep-98	PEARCE et al.
5.809.278	Sep-98	WATANABE et al.
5.818.456	Oct-98	COSMAN et al.
5.819.017	Oct-98	Akelev et al.
5.821.940	Oct-98	Morgan et al.
5.821.940	Oct-98	Morgan et al.
5.822.516	Oct-98	Krech, Jr.
5.828.382	Oct-98	WILDE
5.828.907	Oct-98	Wise et al.
5.831.624	Nov-98	TAROLLI et al.
5.831.625	Nov-98	RICH et al. (w/Abstract)
5.831.640	Nov-98	WANG et al.
5.835.096	Nov-98	BALDWIN
5.835.792	Nov-98	Wise et al.
5.838.334	Nov-98	Dve

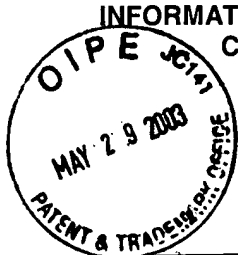
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5.844.576	Dec-98	WILDE et al.			
5.850.229	Dec-98	Edelsbrunner et al.			
5.859.645	Jan-99	LATHAM			
5.861.888	Jan-99	DEMPSEY			
5.861.893	Jan-99	Strudess, Jav.J.			
5.867.166	02-199	Mvhrvold et al.			
5.870.097	Feb-99	Snyder et al.			
5.870.098	Feb-99	Gardiner			
5.870.102	Feb-99	TAROLLI et al.			
5.870.109	Feb-99	MCCORMACK et al.			
5.870.587	Feb-99	DANFORTH et al.			
5.872.902	Feb-99	Kuchkuda et al.			
5.877.770	Mar-99	HANAOKA			
5.877.771	Mar-99	DREBIN et al.			
5.880.736	Mar-99	PEERCY et al.			
5.880.737	03/09/1	Griffen et al.			
5.883.638	Mar-99	Rouet et al.			
5.886.701	Mar-99	Chauvin et al.			
5.886.705	03/23/1	Lentz			
5.887.155	Mar-99	Laidig			
5.890.190	Mar-99	Rutman			
5.892.517	Apr-99	RICH (w/Abstract)			
5.892.974	Apr-99	KOIZUMI et al.			
5.894.300	04/13/1	Takizawa			
5.900.881	May-99	IKEDO			
5.903.283	May-99	SEIWAN et al.			
5.909.218	Jun-99	Naka et al.			
5.912.675	Jun-99	Laperriere			
5.914.721	Jun-99	Lim			
5.914.725	Jun-99	Mcinnnis et al.			
5.914.729	Jun-99	LIPPINCOTT			
5.920.876	Jul-99	UNGAR et al.			
5.923.332	Jul-99	IZAWA			
5.923.334	Jul-99	LUKEN			
5.926.182	Jul-99	MENON et al.			
5.926.647	Jul-99	ADAMS et al.			
5.933.150	Aug-99	Ngo et al.			
5.933.154	Aug-99	HOWARD et al.			
5.933.155	Aug-99	AKELEY			
5.933.529	Aug-99	Kim			
5.936.641	Aug-99	Jain et al.			
5.940.089	Aug-99	Dillioplane			

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5.940.538	Aug-99	Spiegel et al.			
5.943.058	Aug-99	Naqv			
5.943.060	Aug-99	COSMAN et al.			
5.945.997	Aug-99	ZHAO et al.			
5.949.421	Sep-99	Odletree et al.			
5.949.423	Sep-99	Olsen			
5.949.428	Sep-99	Toelle et al.			
5.949.428	Sep-99	TOELLE et al.			
5.956.042	Sep-99	Tucker et al.			
5.956.043	Sep-99	JENSEN			
5.958.020	Sep-99	EVOY et al.			
5.959.640	Sep-99	RUDIN et al.			
5.963.220	Oct-99	LEE et al.			
5.966.134	Oct-99	Arias			
5.977.979	Nov-99	Clough et al.			
5.977.984	Nov-99	OMORI			
5.982.376	Nov-99	ABE et al.			
5.982.390	Nov-99	Stoneking et al.			
5.986.659	Nov-99	GALLERY et al.			
5.986.663	11/16/1	Wilde			
5.986.677	Nov-99	JONES et al.			
5.987.567	Nov-99	RIVARD et al.			
5.990.903	Nov-99	DONOVAN			
5.995.120	Nov-99	Dve			
5.995.121	Nov-99	Alcokrn et al.			
5.999.189	Dec-99	Kaiiva et al.			
5.999.198	Dec-99	HORAN et al.			
6.002.407	Dec-99	FADDEN			
6.002.410	Dec-99	BATTLE			
6.005.582	Dec-99	GABRIEL et al.			
6.005.583	12/21/1	Morrison			
6.005.584	12/21/1	Kitamura et al.			
6.007.428	Dec-99	NISHIUMI et al.			
6.008.820	Dec-99	Chauvin et al.			
6.011.562	Jan-00	Gaone et al.			
6.011.565	Jan-00	KUO et al.			
6.014.144	Jan-00	NELSON et al.			
6.016.150	01/18/2	Lenovel et al.			
6.016.151	Jan-00	Lin			
6.018.350	Jan-00	Lee et al.			
6.021.417	Feb-00	Massarksv			
6.022.274	Feb-00	TAKEDA et al.			

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6.023.261	Feb-00	Ugaiin			
6.026.182	Feb-00	Lee et al			
6.028.608	Feb-00	JENKINS			
6.031.542	Feb-00	WITTIG			
6.035.360	Mar-00	Doidge et al			
6.037.948	Mar-00	Liepa			
6.038.031	Mar-00	MURPHY			
6.038.348	Mar-00	Carley			
6.040.844	Mar-00	YAMAGUCHI et al.			
6.041.010	Mar-00	PUAR et al.			
6.043.821	Mar-00	Sprague et al.			
6.046.746	Apr-00	DEERING			
6.046.747	Apr-00	SAUNDERS et al.			
6.046.752	Apr-00	Kirkland et al.			
6.049.337	Apr-00	VAN OVERVELD			
6.049.338	Apr-00	ANDERSON et al.			
6.052.125	Apr-00	Gardiner et al.			
6.052.126	Apr-00	SAKURABA et al.			
6.052.127	Apr-00	VASWANI et al.			
6.052.129	Apr-00	FOWLER et al.			
6.052.133	Apr-00	Kano			
6.054.993	04/25/2	Devic et al.			
6.054.999	Apr-00	Strandberg			
6.057.847	May-00	Jenkins			
6.057.849	May-00	HAUBNER et al.			
6.057.851	May-00	LUKEN et al.			
6.057.859	May-00	Handelman et al.			
6.057.861	May-00	LEE et al.			
6.057.862	May-00	MARGULIS			
6.057.863	May-00	Olario			
6.061.462	May-00	Tostevin et al			
6.064.392	May-00	ROHNER			
6.070.204	May-00	Poisner, David			
6.072.496	Jun-00	Guenter et al.			
6.075.543	Jun-00	AKELEY			
6.075.546	Jun-00	HUSSAIN et al.			
6.078.311	Jun-00	Pelkey, Michael H.			
6.078.333	Jun-00	WITTIG et al.			
6.078.334	Jun-00	HANAOKA et al.			
6.078.338	Jun-00	HORAN et al.			
6.081.274	Jun-00	SHIRAISHI			
6.088.035	Jul-00	Sudarsky et al			

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6.088.042	Jul-00	Handelman et al.			
6.088.487	Jul-00	Kurashige			
6.088.701	Jul-00	Whaley et al.			
6.091.431	Jul-00	SAXENA et al.			
6.092.158	Jul-00	HARRIMAN et al.			
6.094.200	Jul-00	Olsen et al.			
6.104.415	Aug-00	GOSSETT			
6.104.417	Aug-00	NIELSEN et al.			
6.105.094	Aug-00	LINDEMAN			
6.108.743	Aug-00	DEBS et al.			
6.111.582	Aug-00	Jenkins			
6.111.584	Aug-00	Murphy, Nicholas J.N.			
6.115.047	Sep-00	DEERING			
6.115.049	Sep-00	Winner et al.			
6.118.462	Sep-00	MARGULIS			
6.128.026	Oct-00	BROTHERS, III			
6.144.365	Nov-00	Young et al.			
6.144.387	Nov-00	LIU et al.			
6.151.602	Nov-00	HEJLSBERG et al.			
6.155.926	Dec-00	MIYAMOTO et al.			
6.157.387	Dec-00	KOTANI			
6.166.748	Dec-00	Van Hook et al.			
6.172.678 B1	Jan-01	Shiraishi			
6.177.944	Jan-01	FOWLER et al.			
6.191.794	Feb-01	PRIEM et al.			
6.200.253	Mar-01	NISHIUMI et al.			
6.204.851 B1	Mar-01	Netschke et al.			
6.215.496 B1	Apr-01	Szeliski et al.			
6.215.497	Apr-01	Leung			
6.226.713 B1	May-01	Mehrotra			
6.232.981	May-01	Gossett, Carroll Philip			
6.236.413	May-01	Gossett et al.			
6.239.810	May-01	Van Hook et al.			
6.252.608	Jun-01	Snvder et al.			
6.252.610	Jun-01	Hussain			
6.264.558	Jul-01	NISHIUMI et al.			
6.268.861 B1	Jul-01	Sanz-Pastor et al.			
6.275.235	Aug-01	Morgan, III, David L.			
6.285.779	Sep-01	Lapidous et al.			
6.292.194 B1	Sep-01	Powll, III			
6.329.997	Dec-01	We et al.			
6.331.856	Dec-01	Van Hook et al.			

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6.339.428 B1	Jan-02	Fowler et al.			
6.342.892 B1	Jan-02	Van Hook et al.			
6.353.438	Mar-02	VAN HOOK			
6.356.497	Mar-02	PUAR et al.			
6.408.362 B1	Jun-02	Arimilli et al.			
6.417.858	Jul-02	Bosch et al.			
6.426.747	Jul-02	Hoppe et al.			
6.437.781 B1	Aug-02	Tucker et al.			
6.459.429	Oct-02	Deering			
6.466.223 B1	Oct-02	Dorbie et al.			
6.469.707 B1	Oct-02	Douglas Voorhies			
6.476.808	Nov-02	Kuo et al.			
6.476.822	Nov-02	Burbank			
6.496.187 B1	Dec-02	Michael Deering et al.			

## FOREIGN PATENT DOCUMENTS

DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO
0.637.813 A2	Feb-95	EUROPEAN				
9-330230	Dec-97	JAPAN				
WO/93/04429	Mar-93	PCT				

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent pages, etc.)

GDC 2000: Advanced OpenGL Game Development, "A Practical and Robust Bump-mapping Technique for Today's GPUs," by Mark Kilgard, July 5, 2000, www.nvidia.com
Technical Presentations: "Texture Space Bump Mapping," Sim Dietrich, November 10, 2000, www.nvidia.com
Whitepapers: "Texture Addressing," Sim Dietrich, January 6, 2000, www.nvidia.com
White paper, Huddy, Richard, "The Efficient Use of Vertex Buffers," (11/01/2000)
White paper, Spitzer, John, et al., "Using GL_NV_array_range and GL_NV_Fence on GeForce Products and Beyond" (08/01/2000)
White paper, Rogers, Douglas H., "Optimizing Direct3D for the GeForce 256" (1/3/2000)
Hook, Brian, "An Incomplete Guide to Programming DirectDraw and Direct3D Immediate Mode (Release 0.46)," printed from web site: www.wksoftware.com, 42 pages
Thompson, Tom, "Must-See 3-D Engines," BYTE MAGAZINE, printed from web site www.byte.com, 10 pages (June 1996)

\*Examiner

*Jim Cheng Wang*

Date Considered

*9/10/03*

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

INFORMATION DISCLOSURE  
CITATION

Atty. Docket No.

**723-963**

Applicant

**FOULADI et al.**

Filing Date

**November 28, 2000**

Serial No.

**09/722,663**

Group

**2673****RECEIVED****JUN 02 2003**

Technology Center 2600

Thompson, Nigel, "Rendering with Immediate Mode," Microsoft Interactive Developer Column: Fun and Games, printed from web site msdn.microsoft.com, 8 pages (March 97)

"HOWTO: Animate Textures in Direct3D Immediate Mode," printed from web site support.microsoft.com, 3 pages (last reviewed 12/15/2000)

INFO: Rendering a Triangle Using an Execute Buffer," printed from web site support.microsoft.com, 6 pages (last reviewed 10/20/2000)

U.S. application Serial No. 09/337,293, filed 6/21/1999, "Multi-Format Vertex Data Processing Apparatus and Method [issued as U.S. Patent No. 6,501,479 B1 on 12/31/02]

Datasheet, SGS-Thomson Microelectronics, nVIDIA™, RIVA 128™ 128-Bit 3D Multimedia Accelerator (10/1997)

Product Presentation, "RIVA128™ Leadership 3D Acceleration," 2 pages

ZDNet Reviews, from PC Magazine, "Other Enhancements," January 15, 1999, wysiwyg://16/http://www4.zdnet.com...ies/reviews/0,4161,2188286,00.html

ZDNet Reviews, from PC Magazine, "Screen Shot of Alpha-channel Transparency," January 15, 1999, wysiwyg://16/http://www4.zdnet.com...ies/reviews/0,4161,2188286,00.html

Alpha (transparency) Effects, Future Technology Research Index, http://www.futuretech.vuurwerk.nl/alpha.html

Blythe, David, 5.6 Transparency Mapping and Trimming with Alpha, http://toolbox.sgi.com/TasteOfDT/d...penGL/advanced98/notes/node41.html, June 11, 1998

10.2 Alpha Blending, http://www.sgi.com/software/opengl/advanced98/notes/node146.html

10.3 Sorting, http://www.sgi.com/software/opengl/advanced98/notes/node147.html

10.4 Using the Alpha Function, http://www.sgi.com/software/opengl/advanced98/notes/node148.html

Winner, Stephanie, et al., "Hardware Accelerated Rendering Of Antialiasing Using A Modified A-buffer Algorithm," Computer Graphics Proceedings, Annual Conference Series, 1997, pp 307-316

Debevec, Paul, et al., "Efficient View-Dependent Image-Based Rendering with Projective Texture-Mapping," University of California at Berkeley

Gibson, Simon, et al., "Interactive Rendering with Real-World Illumination," Rendering Techniques 2000; 11th Eurographics Workshop on Rendering, pp. 365-376 (June 2000)

Segal, Mark, et al., "Fast Shadows and Lighting Effects Using Texture Mapping," Computer Graphics, 26, 2, pp.. 249-252 (July 1992)

White paper, Kilgard, Mark J., "Improving Shadows and Reflections via the Stencil Buffer" (11/03/1999)

"OpenGL Projected Textures," from web site: HTTP:// reality.sgi.com, 5 pages

"5.13.1 How to Project a Texture," from web site: www.sgi.com, 2 pages

Arkin, Alan, email, subject: "Texture distortion problem," from web site: HTTP://reality.sgi.com (7/1997)

Moller, Tomas et al., "Real-Time Rendering," pp. 179-183 (AK Peters Ltd., 1999)

Williams, Lance, "Casting Curved Shadows on Curved Surfaces," Computer Graphics (SIGGRAPH '78 Proceedings), Volume 12, Number 3, pages 270-274 (August 1978)

Woo et al., "A Survey of Shadow Algorithms," IEEE Computer Graphics and Applications, Volume 10, Number 6, pages 13-32 (November 1990)

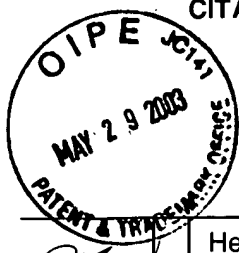
\*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)

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INFORMATION DISCLOSURE  
CITATION

Atty. Docket No.

Serial No.

**723-963****09/722,663**

Applicant

**RECEIVED****FOULADI et al.**

Filing Date

Group

**JUN 02 2003****November 28, 2000****2673****Technology Center 2600**

- Heidrich et al., "Applications of Pixel Textures in Visualization and Realistic Image Synthesis," Proceedings 1999 Symposium On Interactive 3D Graphics, pages 127-134 (April 1999)
- Hourcade et al, "Algorithms for Antialiased Cast Shadows", Computers and Graphics, vol. 9, no. 3, pp. 260-265 (1985).
- Michael McCool, "Shadow Volume Reconstruction from Depth Maps", ACM Transactions on Graphics, Vol. 19, No. 1, Jan. 2000, pages 1-26
- RenderMan Artist Tools, PhotoRealistic RenderMan 3.8 User's Manual, Pixar (8/1998)
- RenderMan Interface Version 3.2 (7/2000)
- White paper, Dietrich, Sim, "Cartoon Rendering and Advanced Texture Features of the GeForce 256 Texture Matrix, Projective Textures, Cube Maps, Texture Coordinate Generation and DOTPRODUCT3 Texture Blending" (12/16/1999)
- Peter J. Kovach, INSIDE DIRECT 3D, "Alpha Testing," ppp 289-291 (1999)
- Web site information, CartoonReyes, REM Infografica, <http://www.digimotion.co.uk/cartoonreyes.htm>
- Raskar, Ramesh et al., "Image Precision Silhouette Edges," Symposium on Interactive 3D Graphics 1999, Atlanta, 7 pages (April 26-29, 1999)
- Schlechtweg, Stefan et al., "Rendering Line-Drawings with Limited Resources, Proceedings of GRAPHICON '96, 6th International Conference and Exhibition on Computer Graphics and Visualization in Russia, (St. Petersburg, July 1-5, 1996) vol. 2, pp 131-137
- Haeberli, Paul et al., "Texture Mapping as a Fundamental Drawing Primitive," Proceedings of the Fourth Eurographics Workshop on Rendering, 11 pages, Paris, France (June 1993)
- Schlechtweg, Stefan et al., "Emphasising in Line-drawings," Norsk samarbeid innen grafisk databehandling: NORSIGD Info, medlemsblad for NORSIGD, Nr 1/95, pp. 9-10
- Markosian, Lee et al., "Real-Time Nonphotorealistic Rendering," Brown University site of the NSF Science and Technology Center for Computer Graphics and Scientific Visualization, Providence, RI, 5 pages (undated)
- Feth, Bill, "Non-Photorealistic Rendering," wif3@cornell.edu, CS490 - Bruce Land, 5 pages (Spring 1998)
- Elber, Gershon, "Line Art Illustrations of Parametric and Implicit Forms," IEEE Transactions on Visualization and Computer Graphics, Vol. 4, No. 1, January-March 1998
- Zelevnik, Robert et al. "SKETCH: An Interface for Sketching 3D Scenes," Computer Graphics Proceedings, Annual Conference Series 1996, pp. 163-170
- Computer Graphics World, December 1997
- Reynolds, Craig, "Stylized Depiction in Computer Graphics, Non-Photorealistic, Painterly and 'Toon Rendering," an annotated survey of online resources, 13 pages, last update May 30, 2000, <http://www.red.com/cwr/painterly.html>
- Render Man Artist Tools, "Using Arbitrary Output Variables in Photorealistic Renderman (With Applications), PhotoRealistic Renderman Application Note #24, 8 pages, June 1998, <http://www.pixar.com/products/renderman/toolkit/Toolkit/AppNotes/appnote.24.html>
- Decaudin, Philippe, "Cartoon-Looking Rendering of 3D Scenes," Syntim Project Inria, 6 pages, <http://www-syntim.inria.fr/syntim/recherche/decaudin/cartoon-eng.html>
- Hachigian, Jennifer, "Super Cel Shader 1.00 Tips and Tricks," 2 pages, [wysiwyg://thePage.13/http://members.xoom.com/\\_XMCM.jarvia/3D/celshade.html](http://members.xoom.com/_XMCM.jarvia/3D/celshade.html)

\*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

INFORMATION DISCLOSURE  
CITATION

Atty. Docket No.

Serial No.

**723-963****09/722,663**

Applicant

**FOULADI et al.****RECEIVED**

Filing Date

Group

**November 28, 2000****2673****JUN 02 2003**

Technology Center 2600

Digimation Inc., "The Incredible Comicshop," info sheet, 2 pages,  
http://www.digimation.com/asp/product.asp?product\_id=33

Softimage/3D Full Support, "Toon Assistant," 1998 Avid Technology, Inc., 1 page,  
http://www.softimage.com/3dsupport/techn...uments/3.8/features3.8/rel\_notes.56.html

Cambridge Animo - Scene III, info sheet, Cambridge Animation Systems, 2 pages, http://www.cam-ani.co.uk/casweb/products/software/Scenelll.htm

Mulligan, Vikram, "Toon, " info sheet, 2 pages, http://digitalcarversguild.com/products/toon/toon.thml

Toony Shaders, "Dang I'm tired of photorealism," 4 pages, http://www.visi.com/~mcdonald/toony.html

"Cartoon Shading, Using Shading Mapping," 1 page, http://www.goat.com/alias/shaders.html#toonshad  
web site information, CartoonReyes, http://www.zentertainment.com/zentropy/review/cartoonreyes.html

VIDI Presenter 3D Repository, "Shaders." 2 pages,  
http://www.webnation.com/vidirep/panels/renderman/shaders/toon.phtml

The RenderMan Interface Version 3.1," (September 1989)

Renderman Artist Tools, PhotoRealistic RenderMan Tutorial," Pixar (01/1996)

Web site materials, "Renderman Artist Tools, PhotoRealistic RenderMan 3.8 User's Manual," Pixar,

NVIDIA.com, technical presentation, "AGDC Per-Pixel Shading" (11/15/2000)

NVIDIA.com, technical presentation, "Introduction to DX8 Pixel Shaders (11/10/2000)

NVIDIA.com, technical presentation, "Advanced Pixel Shader Details" (11/10/2000)

"Developer's Lair, Multitexturing with the ATI Rage Pro," (7 pages) from ati.com web site (2000)

Slide Presentation, Sébastien Dominé, "nVIDIA Mesh Skinning, OpenGL"

Singh, Karan et al., "Skinning Characters using Surface-Oriented Free-Form Deformations," Toronto Canada

"Hardware Technology," from ATI.com web site, 8 pages (2000)

"Skeletal Animation and Skinning," from ATI.com web site, 2 pages (Summer 2000)

"Developer Relations, ATI Summer 2000 Developer Newsletter," from ATI.com web site, 5 pages (Summer 2000)

Press Releases, "ATI's RADEON family of products delivers the most comprehensive support for the advance graphics features of DirectX 8.0," Canada, from ATI.com web site, 2 pages (11/9/2000)

"ATI RADEON Skinning and Tweening," from ATI.com web site, 1 page (2000)

Hart, Evan et al., "Vertex Shading with Direct3D and OpenGL," Game Developers Conference 2001, from ATI.com web site (2001)

"Search Results for: skinning, from ATI.com web site, 5 pages (5/24/01)

Hart, Evan et al., "Graphics by rage," Game Developers Conference 2000, from ATI.com web site (2000)

Efficient Command/Data Interface Protocol For Graphics, IBM TDB, vol. 36, issue 9A, September 1, 1993, pgs. 307-312

Shade, Jonathan et al., "Layered Depth Images," COMPUTER GRAPHICS Proceedings, Annual Conference Series, pp. 231-242 (1998)

Videum Conference Pro (PCI) Specification, product of Winnov (Winnov), published 7/21/1999

\*Examiner

Date Considered

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

INFORMATION DISCLOSURE  
CITATION

Atty. Docket No.

**723-963**

Applicant

**FOULADI et al.**

Filing Date

**November 28, 2000**

Serial No.

**09/722,663****RECEIVED**

Group

**2673****JUN 02 2003****Technology Center 2600**

Hoppe, Hugues, "Optimization of Mesh Locality for Transparent Vertex Caching," PROCEEDINGS OF SIGGRAPH, pages 269-276 (August 8-13, 1999)

Whitepaper: Implementing Fog in Direct3D, January 3, 2000, www.nvidia.com

Akeley, Kurt, "Reality Engine Graphics", 1993, Silicon Graphics Computer Systems, pp. 109-116.

\*Examiner

*Matthew Wang*

Date Considered

*9/10/03*

Examiner: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.